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**CD—04—2016**

**FACULTY OF COMPUTER STUDIES**

**B.Sc. (Second Year) (Third Semester) EXAMINATION**

**NOVEMBER/DECEMBER, 2016**

**NETWORK TECHNOLOGY**

**Paper S-3.1**

**(Linux Administration—I)**

**(Thursday, 17-11-2016)**

**Time : 2.00 p.m. to 5.00 p.m.**

*Time—Three Hours*

*Maximum Marks—80*

*N.B. :— (i) All questions are compulsory.*

*(ii) Figures to the right indicate full marks.*

1. Attempt the following : 20

- (a) How to manage the users in Linux ?
- (b) Explain the user login process.
- (c) Describe the working of Ext-3 file system.
- (d) Discuss system rescue.

2. (a) Explain the creating and mounting file system in Linux. 8

- (b) Describe concept of getting system administrator privileges to regular users. 7

*Or*

- (c) Explain the backup strategy in Linux O.S. 8

- (d) Describe the copying and undeleting files in Linux. 7

3. (a) Explain the configuring and managing print services with fedora. 8

- (b) Discuss the console print control. 7

*Or*

- (c) Explain the process of creating network printers with fedora. 8

- (d) Explain CUPS GUI in detail. 7

**P.T.O.**

4. (a) Describe the network configuration tools. 8
- (b) Explain the concept of DHCP. 7
- Or*
- (c) Discuss the essential DNS concept. 8
- (d) Explain the configuring Name Servers with BIND. 7
5. Write short notes on any *three* : 15
- (a) Network organization
- (b) Managing Password
- (c) Disk Quotas
- (d) Relocating a file system
- (e) DNS tools.